





**RECLINING DEVICE OF SEAT FOR CAR**

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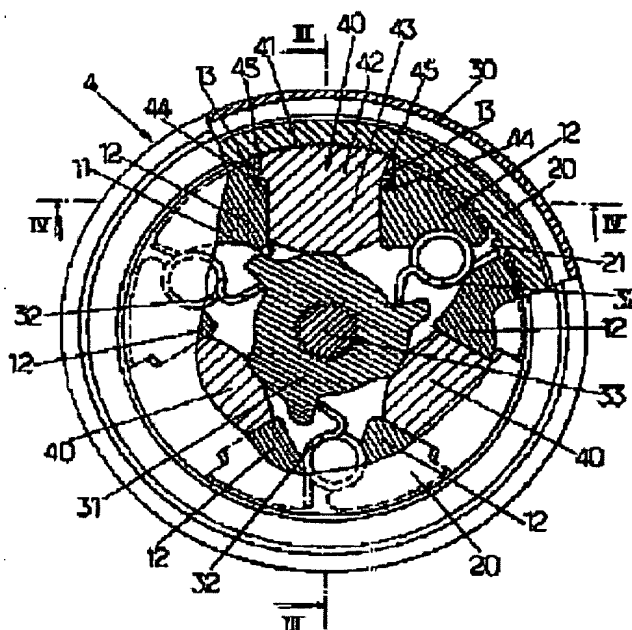
 EP0720930 (A)  
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 FR2729108 (A)  
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**Abstract of JP8253063**

**PROBLEM TO BE SOLVED:** To provide an improved seat, e.g. a vehicle seat, particularly, an automobile seat, with a reclining device.

**SOLUTION:** This reclining device for a vehicle seat has a fixed flange, a movable flange with an internal annular teeth and at least one locking gear 40 capable of cooperating with the teeth of the movable flange and movable to the radial direction by using a cam 31. The locking gear 40 has two back-to-back abutting faces 45, the abutting faces extending in parallel to the sliding direction of the locking gear from near the teeth of the locking gear to a shoulder located in the opposite direction of the teeth. The opposite abutting face 13 integrated with the fixed flange is arranged to oppose the abutting face and its shoulder and one of the abutting faces is bitten into the other abutting face when the movable flange is subjected to preset pivotal torque in the meantime the locking gear cooperate with the teeth of the fixed flange.



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